

CF & CFH Series Variable Speed Air Curtains

Product Specifications

CABINET: Shall be constructed of 20 gauge rigid steel with baked on epoxy powder coat paint for durability.
DISCHARGE VANES: Shall extend the entire width of the unit and be adjustable for optimum performance of air flow.
BLOWERS: Shall be forward curved centrifugal type, DWDI with corrosion resistance scroll and wheel.
MOTORS: Shall be heavy duty, PSC, direct drive high efficiency and designed for use with SCR controllers. Motors shall be permanently lubricated for long life and have thermal over load protection. Motor shall have double insulation protection for quieter operation.

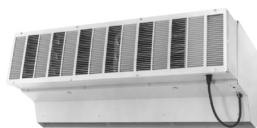


Manufactured in U.S.A.

Quick disconnects shall be supplied to accommodate easy installation and service of motor.
SCR SPEED CONTROLLER: Supplied on all units compatible with the motor with low end adjustment for air volume control and savings in power consumption.
ELECTRIC HEAT (OPTIONAL): Electric heater available as field installed option. Electric heater shall be steel sheath element with helical wound steel fins for maximum heat transfer and safety.

UPC 686334	SIZE (in)	MODEL	FT. / MIN. HI - LOW	NOZZLE CFM	VOLTS	RPM HI - LOW	AMPS HI - LOW	WATTS HI - LOW	WT. (lbs)	LIST	
STANDARD UNITS: 1/2 HP MODELS - UP TO 10' HIGH DOORWAYS - WITHOUT HEAT SECTION											
671200	36	CF36	3288/455	2672/333	120	1659/620	3.9/3.4	472/154	74	1576	
671217	48	CF48	4168/786	4515/766		1606/583	4.4/3.6	519/189	82	1709	
671224	60	CF60	4168/764	6544/931		1636/562	4.4/3.8	509/199	90	1843	
	72	2 EA: CF36	3288/455	5344/666		1659/620	7.8/6.8	944/308	148	3062	
	96	2 EA: CF48	4168/786	9030/1532		1606/583	8.8/7.2	1038/378	164	3318	
	108	3 EA: CF36	3288/455	8016/999		1659/620	11.7/10.2	1416/462	222	4594	
	120	1 EA: CF48	4168/786	9859/1432		1606/583	12.2/10.4	1982/497	230	4721	
		2 EA: CF36	2672/333								
HEAVY DUTY UNITS: 3/4 HP MODELS - UP TO 12' HIGH DOORWAYS - WITHOUT HEAT SECTION											
671231	36	CFHD36	3288/1120	2672/819		120	1689/603	4.4/4.3	603/192	77	1659
671248	48	CFHD48	4256/929	4611/906	1662/500		5.9/4.8	586/168	85	1792	
671255	60	CFHD60	4256/924	5763/1126	1652/509		5.2/4.4	708/172	93	1930	
	72	2 EA: CFHD36	3288/1120	5344/1638	1689/603		8.8/8.6	1206/384	154	3222	
	96	2 EA: CFHD48	4256/929	9222/1812	1662/500		11.8/9.6	1172/336	170	3480	
	108	3 EA: CFHD36	3288/1120	8016/2457	1689/603		13.2/12.9	1809/576	231	4833	
	120	1 EA: CFHD48	4256/929	9955/2544	1662/500		14.7/13.4	2981/552	239	4961	
		2 EA: CFHD36	3288/1120								

EXAMPLE					Use the example shown (left) to order unit with heat section by specification
Model #	Unit Width	KW	Volts	Phase	
CFHTR	36	10.0	208	3	



Air Curtain with Heater Module

NOTE: All heating sections are constructed of totally enclosed fin tubular elements for safety and longer operating life. With heating section installed, unit becomes a 24 Volt control unit and can utilize a low voltage thermostat for control of heating.

NOTE: For 72" through 120" units, order multiple heater modules corresponding to the actual air curtain models

MODEL	HEATER WIDTH	KW	VOLTS	PHASE	HEATER AMPS	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	BTUH	75°C WIRE AWG	LIST	
CFHTR	36, 48, or 60 Inch Width NOTE: 12KW MAXIMUM ON 36" WIDTH UNITS	3	208	3	8.3	10.4	15	10,239	14	36" - 1205 48" - 1331 60" - 1377	
					7.2	9.0	15		14		
			480	1	3.6	4.5	15		14		
					10.8	13.5	15		14		
			208	1	14.4	18.0	20		12		
					12.5	15.6	20		12		
		5	208	3	13.8	17.25	20	12	17,075		12
					12.0	15.0	20	12			
			480	1	6.0	7.5	15	14			
					18.0	22.5	25	10			
			208	1	24.0	30.0	35	8			
					20.8	26.6	30	10			
		7.5	208	3	20.8	26.0	30	10	25,597		10
					18.0	22.5	25	10			
			480	1	9.0	11.3	15	14			
					27.0	33.8	40	8			
			208	1	36.0	45.0	50	6			
					31.2	39.0	45	8			
		10	208	3	27.7	34.4	40	8	34,130		8
					24.0	30.1	35	8			
			480	1	12.0	15.0	20	12			
					36.1	45.1	50	6			
			208	1	41.6	52.0	60	6			
					33.3	41.6	45	8			
12	208	3	28.8	36.0	40	8	40,956	8			
			14.4	18.0	20	12					
	480	1	43.3	54.1	60	6					
			41.6	52.0	60	6					
	208	3	36.0	36.0	55	6					
			18.0	18.0	30	10					

SD Series - Setback on Demand Thermostat

FULLY AUTOMATIC: All the savings without any of the hassles of a programmable thermostat. Once installed, everything is automatic. When people are present it automatically controls to the comfort setting. When they leave, it automatically returns to the economy setting.

SMART COMFORT: The SD thermostat learns your schedule so you arrive to a comfortable temperature. Holidays are no problem. When no-one arrives, it automatically returns to the economy setting.

AUTO-CHANGEVER: Our Auto-Changeover doesn't limit your comfort settings. We incorporate an adjustable deadband to protect your equipment while maintaining comfort. Factory set at 1 degree, but adjustable from 1-5 degrees.

ONE MODEL WORKS WITH ALMOST ANY LOW VOLTAGE SYSTEM.: The SD thermostat works with low voltage systems up to 4 stages of heat, 4 stages of cool, or any combination up to a total of 4 stages including Heat Pumps.



Patent Pending

UPC#	MODEL	COLOR	TYPE	LIST
523646	SDHW1001	White	Hardwire	375